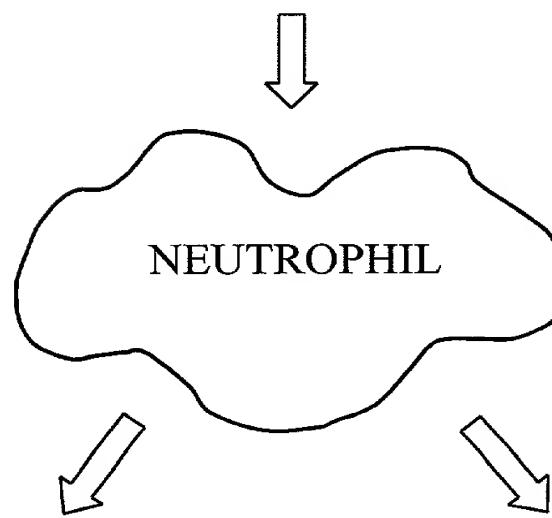
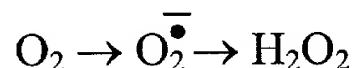


STIMULUS

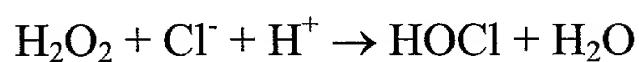


OXIDATIVE BURST



- Hydrogen peroxide
- Hydroxyl radical
- Singlet oxygen
- Oxygen-centered radicals

MYELOPEROXIDASE



- Hypochlorous acid
- Tyrosyl radical

MICROBICIDICAL
EFFECTS

PRO-OXIDATIVE HOST
EFFECTS

- Oxidation of cellular lipids
- LDL oxidation / modification
- DNA oxidation / modification
- Protein oxidation / modification

FIG. 1

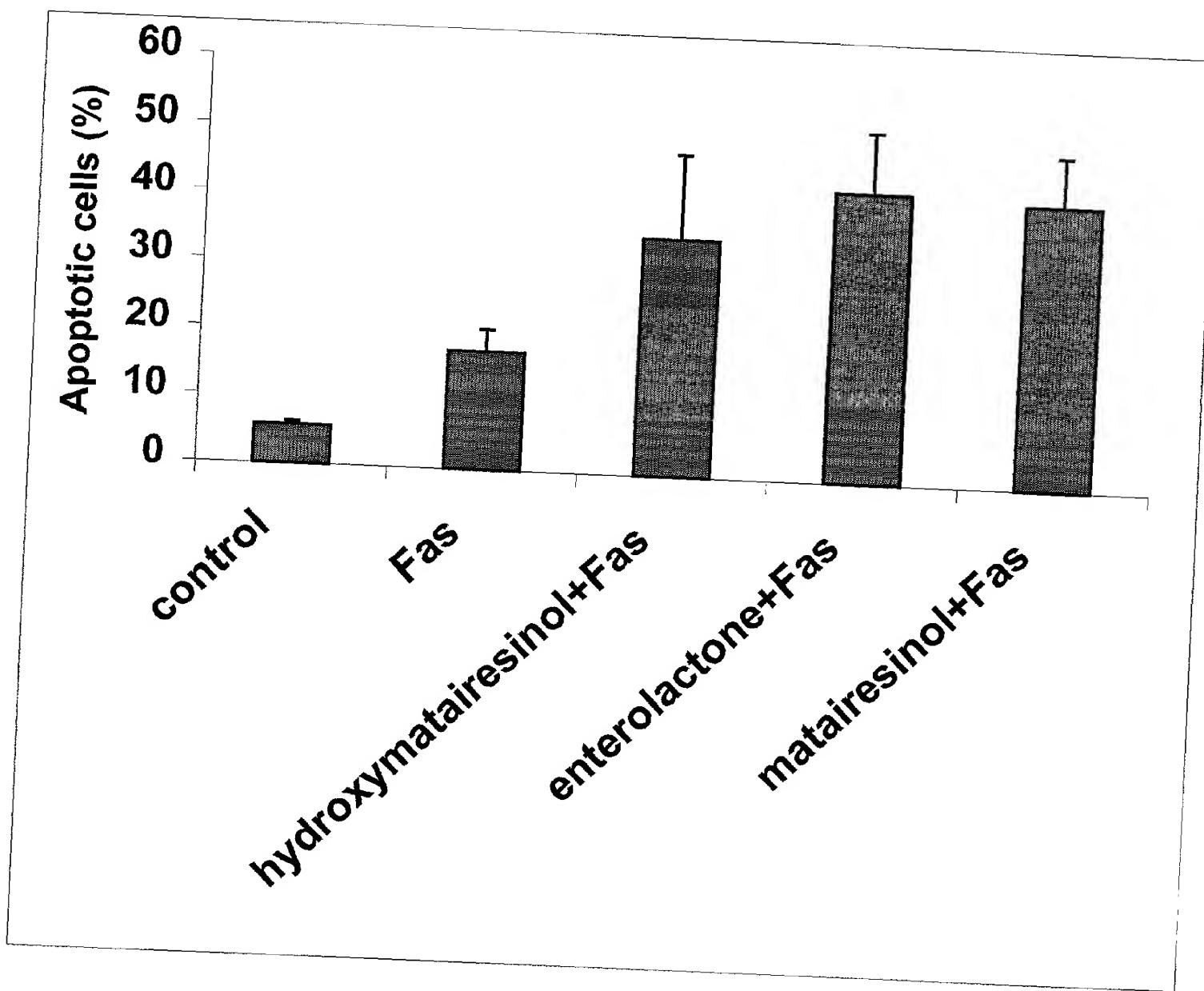


FIG. 2

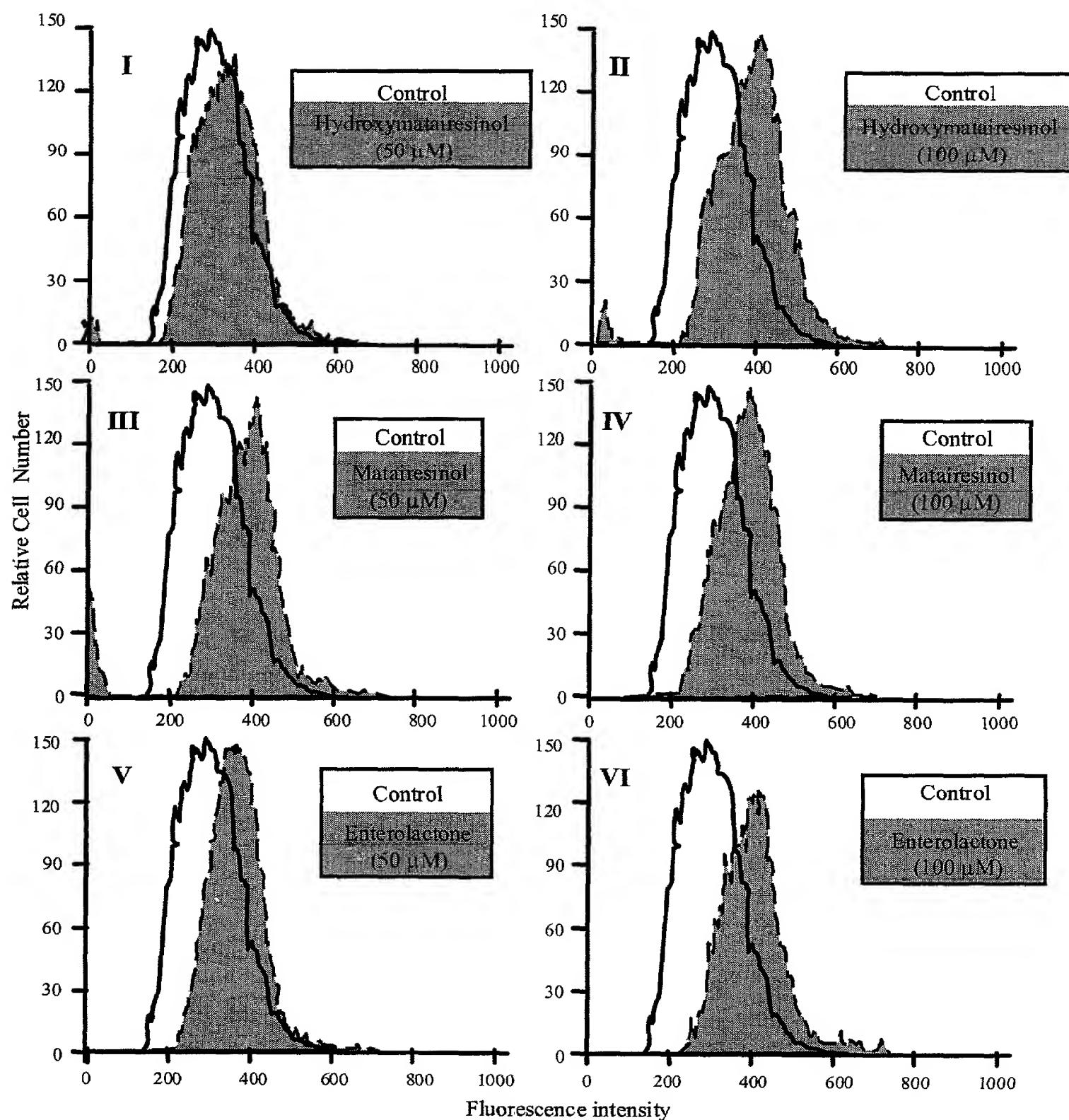


FIG. 3

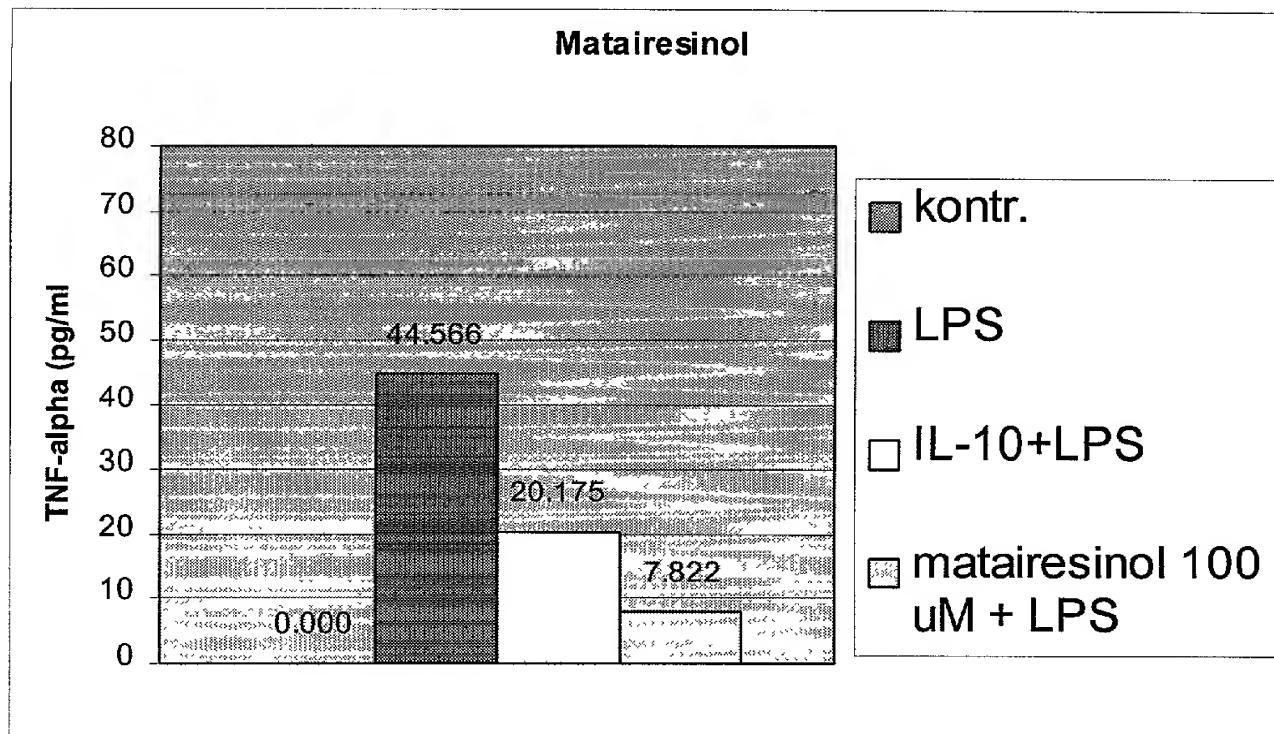


FIG. 4A

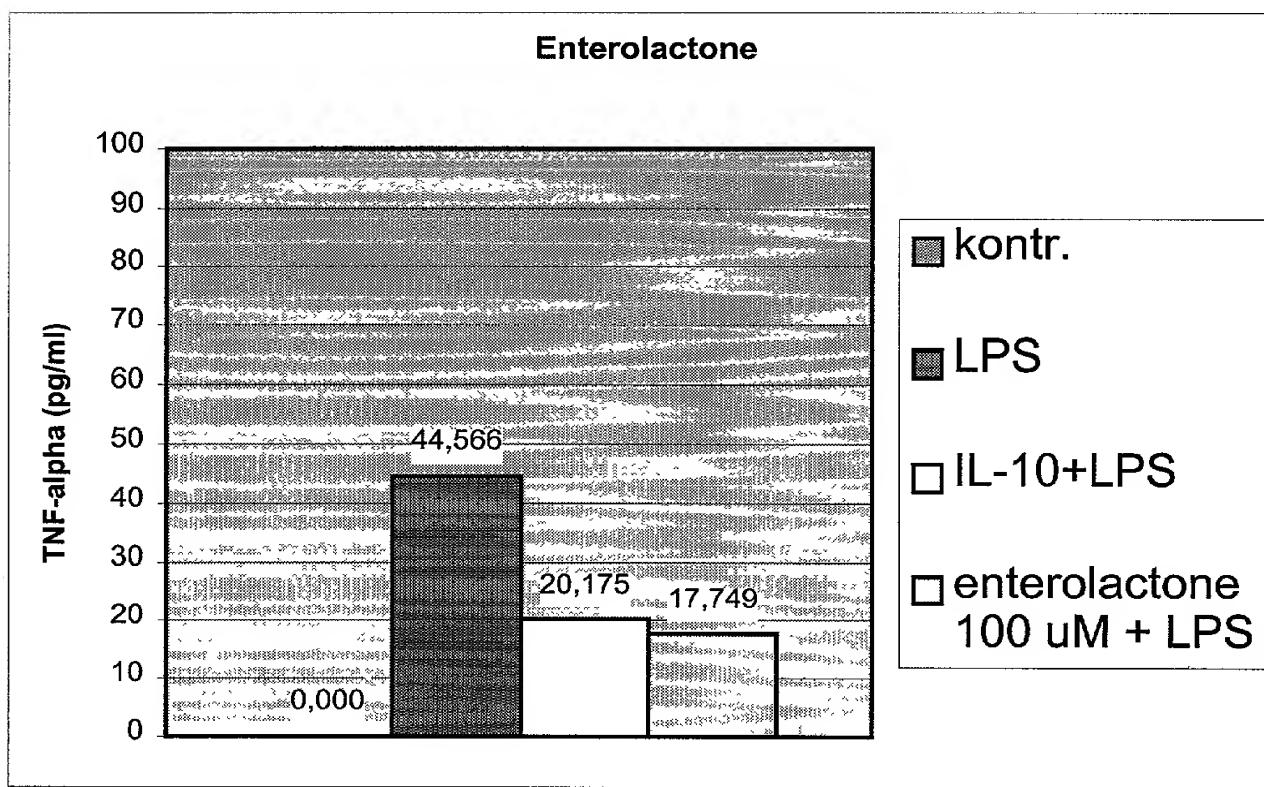


FIG. 4B